

LA City Biosolids EMS Interim Audit Program (2009 – 2012)

Biosolids EMS Verification Audit – August, 2008

EMS Process	Key EMS Elements *	Interim Audit #1	Interim Audit #2	Interim Audit #3	Interim Audit #4
		CLA Internal Audit 2009	KEMA August 2010	CLA Internal Audit 2011	KEMA 2012
Verification of Open Nonconformances (if any)	-		X		X
EMS Outcomes Examination	-	X	X	X	X
Biosolids Preparation (incl wastewater treatment, solids stabilization, conditioning & handling) - Hyperion	3, 10, 13		X		
Biosolids Preparation (incl wastewater treatment & solids stabilization, conditioning & handling) - Terminal Island	3, 10, 13				X
Biosolids Transportation - Hyperion	3, 10, 13	X	X		
Biosolids Transportation – Terminal Island	3, 10, 13	X			X
Biosolids Use & Disposition – Agriculture (CA)	3, 10, 13			X	X
Biosolids Use & Disposition – Composting – Griffith Park	3, 10, 13	X	X		
Biosolids Use & Disposition – Composting – Az Soils	3, 10, 13	X			X
Biosolids Use & Disposition – Composting – South Kern	3, 10, 13	X			X
Competency, Awareness & Training (incl internal communications)	7, 8			X	X
Compliance (with legal & other requirements)	4, 13, 14			X	X
Control of Contractors	Various	Will be included in other audits, as applicable			
Corrective and Preventive Action	14	X	X	X	X
Critical Control Points & Operational Controls (Identification)	3	X	X		X
Document Control & Recordkeeping	12		X	X	X
Communication Program (incl public participation)	6, 9, 15	X	X	X	X
Emergency Preparedness	11		X		X
Pretreatment	3, 10, 13		X		
Process Engineering (Plant Mgmt)	3, 4, 10		X		
EMS Documentation	1	X		X	X
Goals & Objectives	5, 13	X	X	X	X
Internal EMS Audits	14, 16		X		X
Maintenance	10			X	X
Management Involvement (incl Policy, EMS Planning, Roles & Responsibilities, Mgmt Review)	2, 7, 17	X	X	X	X

* - applicable requirements of all EMS Elements will be audited for each process. “Key elements” are shown for reference to demonstrate that all 17 EMS Elements are covered during 4 interim audits.